

Product datasheet for **MR220300**

Hhip1 (NM_001044380) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Hhip1 (NM_001044380) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Hhip1 |
| Synonyms: | 1600002O04Rik; AK129450; mKIAA1822 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR220300 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

 ATGGCGGGACGGCGGGCTGTGGCCGAATCGGGCCGGGGCGCTGCTGGTTCTGCGCGCTCTGCTGGCCG
 CCGCGCACCCGCAGTGTCTGGACTTCAGGCCGCCCTTCCGGCCGCCACAGCCGCTGAGCTTCTGCGCGCA
 GACTCCGCCTTCGGCTGCTGCACCCGGAGCAGGACCGCGGCTGGCCCGCGCTTCCGGGCCCTGGAG
 ACCCGCATGGATGCCGGGTGTGGGCGAGCTGTGCCGGCTACGCTCTGGACCTGCTGTGCCAGGAATGTT
 CACCCTATGCGGCCATCTTTATGACGCTGAGGATCCGGCCACCCCACTTCGGACAGTGCCTGGCCTGTG
 TGAAGATTATTGCCTGGACATGTGGCAGACCTGCCGAGGCCTCTTTCGTCTCCTCTCCCCTGACCGTGAA
 CTCTGGGCCCTGGAGAGCAACCGGGCAAATTATGCCACTACCTGTCGCTAGATGACACCGACTACTGTT
 TCCAAGCCTGCTGGTCAATGAGAACCTCAACTCGAACCTGGGCCGTGTAGTGGCTGATGCCAAGGGCTG
 CCTGCAGCTGTGTTGGAGGAGGTGGCCATGGACTTCGAAACCCGGTTGCAATGGTACATGCTGGGGAT
 GGCAGCCACCGCTTCTTCGTGGCCGAGCAGGTGGGGCTGGTGTGGACCTACCTGCCTGACCGCTCCCGTC
 TGGAGAAGCCCTTCTGAATGTGAGCAAGCAGTGCTTACTTCGCCCTGGGAAGGGGACGAACGTGGCTT
 CCTGGGCTTTCGCTTCCACCCCGCTTCCACATCCCAGCAAACCTATGTCTACTATTCCGTGGGGGTC
 GGCTTCCGAGAGTGGATCCGCATCAGCGAGTTCAGAGTCTCAGAGGGTGACGAGAACACAGTGGATCATG
 GCTCAGAGAGGATAATTCTGGAGATCGAAGAACCAGCTTCCAATCACAATGGGGGCCAGCTGCTCTTTGG
 GGATGACGGCTTCTCTACATCTTTACTGGAGACGGCGGGATGGCTGGAGACCCCTTTGGAAAGTTTGA
 AATGCACAAAACAAGTCTGCTCTGCTGGCAAGGTGCTGCGCATCGACGTGGACCGTAAGGAGCCGGCC
 TCCACTACGGCATCCCTCCGACAACCCGTTCTGGATGATCCCGAGCTCGGCCGGAGGCTATGCCCT
 GGGCGTGCACAACATGTGGCGCTGCTCCTTCGACCGGAGACCAATGTCTGGCACTGGCCGTGGGCGC
 CTGTTCTGCGGGGACGTGGGCCAGAACAAGTATGAGGAGGTGGACCTGGTGGAGCGGGGCCCAACTACG
 GCTGGCGCGCTCGCGAGGGCTTCGAGTGTACGACCGCAAGCTGTGCGCAACACCTCCCTCGATGACGT
 GCTGCCGATTTTCGCTACCCACACAAGCTGGGTAATCAGTCACCGGAGGCTACGTGTACCGGGTTGT
 GAGTACCCCAATCTCAATGGCCTCTACATTTTGGCGATTTTCATGAGCGGGGACTGATGTCTCTCCGAG
 AGAACCCAGAGACAGGCAATGGAAGTATAGCGAGGTCTGCATGGGCCGTGGACAGACCTGTGCTTTCCC
 AGGTCTCATCAACAACACTACTACCCCTACATCATCTCCTTTGCGGAGGACGAGGCTGGGGAGCTGACTTC
 ATGTCCACGGGTGTTCCAGTGCACGGCTGCACATGGGGTCATCTACAAAGTCATCGATCCCTCCAGAC
 GGGCGCCTCCAGGGAAGTGAAGATCCGCCCTGCTCAGGTGAAGGTGAGGAGTCATCTATCCCCTTTGT
 GCCAAGGAAAAGTTTCATCCGGACGCCAGAGAGCACTCCGCGCCCCACAGCCCGCCTCCCACTAAGGGC
 CCCCAGGTAGGCGCCCCACGGCTGCTCCTCCTGCCCCACCCCGCGACCCACAAAGCCCGCAAGGCCCA
 CCCGGCGACAGGGGCCCGGAAGGGAGGCGGGCGACGGCGGGGACGTCCGAGTACCGCGGTCCCCGAACC
 AGAGAACGGATCGGTGCGTCTGGTACGGCCCGCAGGCCTGAGCCCGGCCGCGGTGCGGTGGAAGTGTTC
 ATAGGCGGACGCTGGGGCACGGTGTGTGACGACGCTGGGACCAAGGCAGCCCGCGTGGTGTGTGCTG
 AGCTGGGCTTTGCGCACGCGGTGCGAGCCGCCAAGCGCGGAGTTTGGGAGGGCCGCGCGCTCCGGAT
 CTTGCTGGACGACGTGCGCTGCGCGGGCAGCGAACGCAACCTGCTGGAGTGCAGCGACGCTGGCGTGGG
 ACGACAATTGCAAGCACGACGAGGACGCTGGCGTCGAGTGCAGCCCAAGACCCGAACCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220300 protein sequence

Red=Cloning site Green=Tags(s)

MAGRRVARIGPGALLVLRALLAAHPQCLDFRPPFRPPQPLSFCAQYSAFGCCTAEQDAALARRFRALE
TRMDAGVWATCAGYALDLLCQECSPYAAHLYDAEDPATPLRTVPGLCEDYCLDMWQTCRGLFRLSPDRE
LWALESNRAKLCHYLSLDDTDYCFPSLLVNENLNSNLGRVVADAKGCLQLCLEEVANGLRNPVAMVHAGD
GSHRFFVAEQVGLVWTYLPDRSRLEKPFNLVNSQAVLTSPWEGDERGFLGLAFHPRFPHPSKLYVYYSVGV
GFREWIRISEFRVSEGDETVDHGSEIILEIEEPASNHGGQLLFGDDGFLYIFITGDGGMAGDPFGKFG
NAQNKSAALLGKVLRIDVDRKERGLHYGIPDPNPFVDDPGARPEVYALGVRNMWRCSFDRGDPMSGTGRGR
LFCGDVGQNKYEEVDLVERGRNYGWRAREGFECYDRKLCANTSLDDVLPFIFAYPHKLGKSVTGGYVYRGC
EYPNLNGLYIFGDFMSGRLMSLRENPETGQWKYSEVCMGRGQTCAFPGLINNYYPYIISFAEDEAGELYF
MSTGVPSATAAHGVIYKVIDPSRRAPPGKCKIRPAQVKVRSHLIPFVPKEKFIRTPESTPRPTARAPTKA
PRRRRPTAAPPATPRPTKPARPTRRPGARKGGRRRGRPSTAVPEPENGSVRLVRPAGLSPGRGRVEVF
IGGRWGTVCDDAWDTKAAAVVCRQLGFHAVRAAKRAEFGEGRALRILLDDVRCAGSERNLLECAHAGVG
THNCKHDEDAGVECSHQDPNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001044380

ORF Size: 2376 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001044380.1](#), [NP_001037845.1](#)

RefSeq Size: 2605 bp

RefSeq ORF: 2376 bp

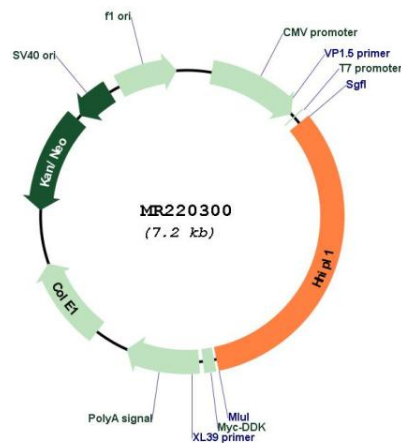
Locus ID: 214305

UniProt ID: [Q14DK5](#)

Cytogenetics: 12 F1

MW: 87.5 kDa

Product images:



Circular map for MR220300